Journal of Neuropathology and Experimental Neurology
Copyright © 1996 by the American Association of Neuropathologists

Vol. 55, No. 12
December, 1996
pp. 1281–1283

AUTHOR INDEX

*—Original Article
A—Abstract
B—Book Review
E—Editorial
L—Letter
M—In Memoriam
R—Review Article
W—Presentation of Award

Abraham CR, 861R
Agnew WF, 982*
Akamine P, 236*
Akiyama H, 1278
Albert MS, 861R
Albrecht S, 1270*
Alitalo K, 522*, 1124*
Allen IV, 471*
Alvarez RB, 774*
Amarnath V, 202*
An H, 822*
Anderl K, 973*
Anderson DW, 97*
Anderson KJ, 178*
Antel JP, 515*
Aquino DA, 389R
Aracil C, 144*, 729*
Arens N, 81*
Ariza A, 144*, 729*
Armstrong DL, 1246*
Asayama K, 481*
Askanas V, 1179L, 774*
Asselin I, 687*
Azzam NA, 150*
Azzam RN, 150*

Bailón C, 169*
Balin B, 1051*
Bancher C, 97*
Barbarese E, 1221*
Barnett JL, 704*
Bartko JJ, 97*
Battistini L, 389R
Baunoch DA, 1246*
Baur I, 528*
Beck H, 329*
Bentley RC, 540*
Bhagwati S, 509*
Bigner DD, 540*
Bigner SH, 540*
Bilak M, 774*
Blondet B, 698*
Blümcke I, 329*
Bö L, 1060*
Bodhireddy SR, 734*
Boerman RH, 973*
Boesel C, 1021B
Böhling T, 522*
Borell T, 973*
Bouldin TW, 943R
Bouras C, 1210*
Bowser R, 444*
Bozyczko-Coyne D, 850*
Brachet P, 904*
Brachova L, 1083*
Brennan P, 992*
Brion J, 964*
Brodin G, 280*
Brody BA, 1009*
Brosnan CF, 389R
Brown NV, 1038*
Brown SM, 1259*
Brück W, 722*
Brück Y, 722*
Buée L, 159*
Bugiani O, 1157*
Bullara LA, 982*
Busis NA, 549*

Canal N, 456*
Carlson RI, 1038*
Carner M, 196*
Carpenter S, 1105R
Carter RR, 982*
Cataldo AM, 704*
Celio MR, 329*
Chabannes D, 904*
Chagnon P, 159*
Chahoud S, 14*
Chen S, 1073*
Chin SS, 499R
Chiu FC, 1150*
Christie RH, 491*
Chung H, 491*
Chung MH, 403*
Cifuentes M, 999*
Civin WH, 1083*
Claesson-Welsh L, 522*
Clayton DF, 889*
Clifton GL, 68*
Cobbers JL, 822*
Colletti V, 196*
Cortez SC, 841*
Crain BJ, 366*
Cruz J, 795*
Cruz-Sánchez FF, 144*, 348*
Cuzner ML, 1194*
Czech J, 924*

Dalakas MC, 1205*
Daniel SE, 97*
Darcy F, 904*
Davies P, 444*
Dawson DV, 366*
de Belleroche J, 747R
De Bleecker JL, 563*
de Courten-Myers GM, 320*
de la Monte SM, 1038*
de los Reyes E, 320*
Decaux G, 106*, 594*
Deckert-Schlüter M, 14*
del Zoppo GJ, 236*
Delacourte A, 159*
Deng H, 481*
Dhib-Jalbut S, 435*
Dickson DW, 53*, 97*
Dirks PB, 88*
Dixon RW, 1230*
Dlouhy SR, 1157*
Dohan FC, 257B
Doroudchi MM, 246*
Dorovini-Zis K, 225*
Dours-Zimmerman MT, 528*
Doyle D, 184*
Drewes LR, 832*
Ducati A, 456*
Dugré FJ, 687*
Durham HD, 246*
Dyck PJ, 1181R
Dyer CA, 795*
Dymecki J, 435*

Eickhoff C, 329*
Einstein G, 366*
Elger CE, 329*
Emery JA, 178*
Emslie-Smith AM, 549*
Engel AG, 549*, 563*
Engel WK, 774*, 1179L
Erfurth F, 1009*
Ertl BB, 563*

Falduto MT, 372*
Farber NB, 1115E
Farlow MR, 1157*
Farooque M, 280*
Farrell MA, 992*
Feany MB, 53*
Fedor H, 1032*
Fernández-Llebrez P, 999*
Fernández-Mayoralas A, 169*
Filiano JJ, 114*
Forno LS, 259R
Frail DE, 372*
Frangione B, 1157*
Fraser NW, 1259*
Fratkin JD, 257B
Friedman HS, 540*
Fujinami RS, 673R
Fukuyama K, 88*
Funa K, 280*
Fung K, 540*
Furuta T, 1026*

Galasko D, 44*
Gallatin WM, 1060*
Gao Y, 389R
Garcia C, 290*
Garcion E, 904*
Gardiner P, 795*
Garey LJ, 1073*
Gasque P, 578*
Gauvreau D, 159*
Gaytan-Garcia S, 419*
Gelman BB, 1164*
Gentleman SM, 1073*
George JM, 889*
Gerber J, 722*
Gerhart DZ, 832*
Getz GS, 372*
Ghatpande A, 509*
Ghetti B, 1157*
Giannakopoulos P, 1210*
Giannini C, 1181R
Gies U, 822*
Gladson CL, 1143*
Glass JD, 1032*
Goebel HH, 342*
Gogate N, 435*
Gold R, 36*, 1205*
Golden JA, 1253*
Goldman JE, 499R
Goodrum JF, 943R
Goodyer CG, 1270*
Goulet M, 687*
Graham DG, 202*
Gravel C, 687*
Griffin JW, 290*
Griffin WT, 273*
Grondona JM, 999*
Gronlund KM, 832*
Gross L, 915*
Grossman RG, 1246*
Gveric D, 1194*

Habermann R, 236*
Haines III, GW, 1009*
Halloran M, 1009*
Halonen SK, 1150*
Haltia M, 522*, 1124*
Hamilton WJ, 1246*
Haney C, 290*
Hansen LA, 44*
Hardman JM, 940M
Haring H, 236*
Harris JB, 1230*
Hart MN, 1103B, 1175B, 1176W
Hartung H, 36*, 1205*
Hasegawa M, 424*
Hatva E, 522*, 1124*
Hauw JJ, 97*
Hayasaka S, 357*
Hayes RL, 68*
Heck K, 68*
Hempen B, 964*
Henley J, 534*
Herath J, 973*
Herrmann FR, 1210*
Hill SJ, 1221*
Hirano A, 127M, 481*
Hirato J, 716*
Hirvonen H, 1124*
Hof H, 14*
Hof PR, 159*, 1210*
Hoffman PA, 1060*
Holtz A, 280*
Horoupian DS, 97*, 403*
Houenou LJ, 698*
Huang DY, 202*
Huang R, 534*
Hubbard SL, 88*
Hulette CM, 366*
Hung W, 481*
Hurtig HI, 534*
Hyman BT, 491*, 889*

Ichikawa T, 1026*
Ikeda K, 1278L
Ikonomidou C, 211*
Inouye M, 357*
Irizarry MC, 889*
Isamat M, 144*, 729*

Iwata M, 932*

Jääskeläinen J, 1124*
Jaffey PB, 1246*
Janitschke K, 815*
Jellinger K, 97*
Jen LS, 1073*
Jenkins RB, 973*
Jennings S, 992*
Jiménez AJ, 999*
Johnson N, 973*

Kampfl A, 68*
Karnezis AN, 1009*
Kato S, 1089*
Kato T, 481*
Kawai H, 896*
Kawajiri M, 896*
Kawas CH, 1134*
Keherly M, 1164*
Kelly P, 992*
Kemper TL, 861R
Kendler A, 795*, 1253*
Kesari S, 1259*
Keysers U, 729*
Kida S, 424*
Kiessling M, 81*
Kim T, 889*
Kinney HC, 114*, 409*, 841*
Kinoshita I, 687*
Kirchhof A, 973*
Kirk J, 471*
Kobayashi M, 481*
Kobunai T, 896*
Koch A, 1270*
Koch AE, 1009*,
Koliatsos VE, 1134*
Kövari E, 1210*
Koziol JA, 236*
Kraus JA, 1270*
Kujala M, 522*
Kuljis RO, 25*
Kunishio K, 1026*

Labruyere J, 211*
Ladner CJ, 924*
LaDu M, 372*
Lafortune L, 515*
Lantos PL, 97*
Laroche-Cholette A, 159*
Lasner TM, 1259*
Lassmann H, 14*, 1205*
Lawler M, 992*
Lee DA, 915*
Lee JM, 924*
Lee RJ, 1009*
Lee VM, 534*, 1051*, 1259*
Lei DL, 787*
Leino RL, 832*
Leung B, 509*
Levy HL, 795*
Li G, 280*
i L, 698*
Litvan I, 97*, 1279L
Liu HM, 787*
Liu SJ, 68*
Lorens SA, 924*
Loughlin AJ, 1194*
Louis DN, 1026*
Lucena J, 348*
Lue L, 1083*
Lyman WD, 734*, 1150*

Maeda A, 300*
Mann DA, 704*
Marcy V, 850*
Marín-Padilla M, 758R
Martin JA, 534*
Martín-Lomas M, 169*
Martinez A, 815*
Masliah E, 44*
Massey JK, 178*
Mate JL, 144*, 729*
Mathieu J, 159*
Matsumoto K, 1026*
Matsuzawa K, 88*
Mattiace LA, 53*
Maurice J, 924*
Mawal-Dewan M, 534*, 1051*
McArthur JC, 1032*
McCall AL, 832*
McConnell R, 471*
McCreery D, 982*
McHardie P, 184*
McIntosh TK, 850*, 1221*
McKee A, 97*
McKeown MJ, 1238*
McLendon RE, 540*
McMahon J, 471*
McNamara M, 889*
McQuaid S, 471*
Mellström B, 169*
Merrill JE, 942B
Metzger RE, 372*
Miller JW, 466*
Mirabella M, 774*
Mitsui T, 896*
Mix E, 36*
Montgomery DL, 603L
Montiero MJ, 954*
Montine TJ, 202*
Morgan BP, 578*
Mørk S, 1060*
Moss MB, 861R
Mouton P, 1032*
Mrak RE, 273*
Muller JY, 904*
Mundt AJ, 1246*
Murawsky M, 698*

Nag S, 381*, 880*
Nakano S, 549*
Nakashima K, 1089*
Nakazato Y, 716*
Nalbantoglu J, 515*
Namias B, 106*
Naranjo JR, 169*
Nataf S, 904*
Nau R, 722*
Navas-Palacios JJ, 144*, 729*
Neal JW, 578*
Nelson JS, 875E
Nemni R, 456*
Newcombe J, 1194*
Newman GR, 578*
Niederacher D, 822*
Nieto-Sampedro M, 169*
Nitsch R, 329*
Nixon RA, 704*
Norman MG, 133R

O'Hanlon GM, 184*
Oberstraß J, 822*
Ohama E, 1089*
Ohmoto T, 1026*
Olano JP, 1164*
Olney JW, 211*, 1115E
Olsson Y, 280*
Ono Y, 1026*
Opdenakker G, 1194*
Oppenheim RW, 698*
Orrell RW, 747R
Osculati F, 196*

Paemen L, 1194*
Pan JB, 372*
Panigrahy A, 114*, 409*
Paterson GJ, 184*
Paulus W, 528*
Pauza CD, 1173B
Pearl GS, 875E
Penninckx R, 106*, 594*
Pérez J, 999*
Pérez-Fígares JM, 999*
Pérez-Martín M, 999*
Perier O, 106*, 594*
Perl DP, 1051*
Perry G, 954*
Pestell RG, 1009*
Peters A, 861R
Peterson JW, 1060*
Petetot J, 320*
Petito CK, 602B
Philibotte T, 795*
Piccardo P, 1157*
Pietsch T, 1270*
Posmantur RM, 68*
Prange HW, 722*
Prelli F, 1157*
Previtali S, 456*

Qin Y, 211*
Quattrini A, 456*

Raap AK, 973*
Rabinowicz T, 320*
Raine CS, 129W, 389R
Ramsay DA, 1238*
Ransohoff RM, 1060*
Rashbaum WK, 734*
Rasheed BKA, 540*
Rebeck GW, 491*
Reddy SC, 409*
Reifenberger G, 822*
Reifenberger J, 822*
Richardson EP, 1177W
Rieger F, 698*
Ring GU, 822*
Robins LN, 1115E
Robitaille Y, 159*
Roe MT, 366*
Rogers J, 1083*
Rojiani AM, 178*
Rosenblum WI, 131L, 1179L
Rosene DL, 861R
Roth KA, 466*, 1173B
Roy B, 687*
Roy R, 687*
Rutka JT, 88*

Saatman KE, 850*
Saito S, 896*
Samuel W, 44*
Sarnat HB, 1022L
Sasaki A, 716*
Sasaki S, 932*
Saunders A, 202*
Sbarbati A, 196*
Schaeffer-Klein J, 973*
Scheffler B, 329*
Scheithauer BW, 973*
Schelper RL, 25*
Scherthan H, 81*
Schlegel J, 81*
Schlüter D, 14*
Schmalbruch H, 310*
Schmidt ML, 534*, 1051*
Schmied M, 1205*
Schneider C, 1205*
Schoonover S, 444*
Schramm J, 329*
Schumann A, 14*
Schuster F, 815*
Seiler C, 1157*
Sergeant N, 159*
Serrano S, 729*
Seto A, 424*
Shafiq SA, 509*
Shambaugh III GE, 1009*
Sheng JG, 273*
Shibata N, 481*
Shimoda M, 1089*
Shooter EM, 290*
Siddique T, 481*
Siman R, 850*
Singhrao SK, 578*
Snipes G, 290*
Sobel RA, 300*
Soupart A, 106*, 594*
Spitznagel E, 1115E
Stangel M, 36*
Staunton H, 992*
Stenuit A, 106*, 594*
Storts RW, 603L
Strand C, 1194*
Strickland D, 491*
Strittmatter WJ, 202*
Strong MJ, 419*
Stumm G, 81*
Subbiah P, 1032*
Sukhov RR, 1134*
Sung JH, 992*
Suter U, 290*
Swoveland P, 435*

Tabaton M, 97*
Taft WC, 68*
Tagliavini F, 1157*
Takagishi Y, 357*
Takahashi K, 1089*
Tamiya T, 1026*
Tanzi RE, 889*
Tarnowska-Dziduszko E, 435*
Terry RD, 1023E, 1102M
Tews DS, 342*
Tigges J, 861R
Torack RM, 466*
Toyka KV, 36*, 1205*
Trapp BD, 290*, 1060*
Tremblay JP, 687*
Trojanowski JQ, 534*, 540*, 1051*, 1259*
Troncoso JC, 954*, 1134*
Truci G, 456*
Tsuchihasi T, 896*
Tsunoda I, 673R

Uchiyama N, 424*
Ueki K, 1026*
Unger ER, 992*

Valentine WM, 202*
Vallet PG, 1210*
Verma L, 435*
Virgo L, 747R
Visvesvara GS, 815*
von-Uexküll-Güldeband C, 144*

Waclawik AJ, 549*
Waha A, 1270*
Wands JR, 1038*
Wang WL, 280*
Watanabe Y, 1089*
Watanabi G, 1009*
Wattez A, 159*
Wechsler W, 822*
Weidenheim KM, 734*
Weisgraber KH, 202*
Whetsell Jr. WO, 1*, 1277B
White WF, 114*, 409*

Wiestler OD, 329*
Willison HJ, 184*
Wilson G, 184*
Windebank AJ, 915*
Wittrock DA, 915*
Wolf D, 1164*
Wolf HK, 329*
Wollmann RL, 1246*
Wong D, 225*
Woodford BJ, 982*
Woyciechowska J, 435*
Wrabetz L, 456*

Xi G, 320*
Xiao J, 954*
Yamabe T, 435*
Yamamura H, 357*
Yamashima T, 424*
Yamashita J, 424*
Yang DL, 787*
Yokoo H, 716*
Young K, 1157*
Zagaja VG, 1246*
Zalewski AA, 150*
Zec N, 114*
Zettl UK, 36*
Zielasek J, 36*
Zimmerman DR, 528*
Zysk G, 722*

Journal of Neuropathology and Experimental Neurology
Copyright © 1996 by the American Association of Neuropathologists

Vol. 55, No. 12
December, 1996
pp. 1284–1287

SUBJECT INDEX

4-hydroxy-2-nonenal, 202
α-calmodulin-dependent kinase II, 954
A2B5, 1038
Acetylated α-tubulin, 964
Adhesion, 1143
Aging, 704, 861
AIDS, 729, 815, 1032, 1150, 1164
ALS, 915
Aluminum, 419
Alzheimer's disease, 44, 202, 273, 366, 372, 444, 491, 534, 889, 924, 954, 964, 1038, 1051, 1083, 1210
Alzheimer, 1023
AMPA, 211
Amyloid β peptide, 1083
Amyloid beta protein precursor, 1073
Amyloid plaques, 444
Amyloid, 563, 704, 889, 1134, 1157
Amyotrophic lateral sclerosis, 211, 246, 481, 932, 1089
Anencephaly, 133
Angiogenesis, 880, 1124, 1143
Anterior horn cells, 481
Antibodies, 1157
Antimitotic, 169
Apical dendrites, 68
ApoE, 491
Apolipoprotein E, 202, 372
Apolipoprotein receptors, 491
Apoptosis, 36, 280, 310, 320, 673
Aqueductal obliteration, 999
Arcuate nucleus, 841
Argyrophilia, 466
Arteriovenous malformation, 1124
Aspartame, 1115
Astrocytes, 196, 236, 300, 499, 578, 729, 1150
Astrocytic hyaline inclusion, 1089
Astrocytoma, 88, 528, 1026, 1238
Autoantibodies, 184
Autoimmune disorders, 1205
Autopsy, 178
Autoradiography, 841
Axon, 68, 150
Axonal reorganization, 329
Axoplasmic flow, 1023
Axotomy, 419

β-amyloid plaque evolution, 273
β-amyloid precursor protein, 273
β-amyloid, 372, 1038
β-dystroglycan, 896
Basal ganglia, 259
Basement membrane, 150
Bcl-2, 280, 1073
Becker muscular dystrophy, 896
Behavior, 861
Benchmark, 875
Biopsy, 540
Bladder, 982
Blood-brain barrier, 880, 1221
Blood vessels, 456, 1124
Bone marrow transplant, 992
Brain aging, 1210
Brain banking, 1164
Brain endothelium, 225
Brain glioma, 169
Brain injury, 850
Brain malformation, 133
Brain tumor therapy, 1259
Brain tumors, 456, 1115
Brain, 594, 787, 832, 1124, 1150
Bromodeoxyuridine, 357
Büngner's band, 424

c-fos, 787, 880
c-jun, 880
Cajal's gold sublimate, 1221
Cajal-Retzius cells, 329
Calcineurin, 924
Calcitriol, 904
Calcium, 850
Calcium-binding proteins, 329
Calpain, 68, 850
Cardiovascular control, 114
Carpal tunnel syndrome, 1181
CD4 antigen, 904
CD8+ lymphocytes, 169
CDKN2, 1026
Cell adhesion molecules, 225, 424
Cell adhesion, 169
Cell cycle, 81, 1026
Cell death, 698, 1134, 1164
Cell proliferation, 1253
Centenarians, 1210
Central chromatolysis, 932
Central nervous system, 456
Central pontine myelinolysis, 594, 106
Cerebellum, 704, 1009
Cerebral cortex, 320, 861
Cerebral microvessels, 236
Cerebral vessels, 381
Chiari II malformation, 133
Childhood, 540
Chimera, 992
Chromatolytic neurons, 159
Chronic hypertension, 381
Chronic, 982
Classical pathway, 578
Cold-injury, 880
Collagen IV, 381, 1246
Comparative genomic hybridization (CGH) , 973
Complement, 578
Computer reconstruction, 841
Confocal laser microscopy, 896
Connexin 43, 169
Continuous quality improvement, 875
Corpora amylacea, 196, 403
Cortex, 68
Cortical dysplasia, 133
Corticobasal degeneration, 53
Cubital tunnel syndrome, 1181
Cyclin D1, 1009
Cyst, 1150
Cytogenetics, 81
Cytokines, 342
Cytoskeleton, 259, 850, 1023

Dandy-Walker, 133
Deafferentation, 466
Dementia, 25, 44, 1032
Demyelinating disorders, 1060
Demyelination, 471
Dendrites, 444
Denervation, 310

Dentate gyrus, 366, 722
Desmin, 549, 563
Developmental biology, 320
Diabetes, 915
Diabetic neuropathy, 1181
Diabetic oculomotor neuropathy, 1181
Diabetic polyneuropathy, 1181
Diagnosis, computer-assisted, 1238
DL-homocysteic acid, 211
DNA amplification, 729
DNA content, 144, 729
DNA sequencing, 144
Duchenne muscular dystrophy, 342
Dystrophin, 563, 896

E-cadherin, 424
E-selectin, 225
Ectopic gray matter, 357
EGFR amplification, 822
EGFR, 522
Electron microscopy, 14, 471, 549
Encephalomyelitis, 904
Endoneurium, 150
Endothelial cells, 300
Endothelium, 236
Ependyma, 348, 999
Ependymoma, 540
Epidermal growth factor receptor, 81
Epilepsy, 178, 403
Excitotoxicity, 1, 211
Experimental allergic encephalomyelitis, 673
Extracellular matrix, 300, 456, 528, 1246
Extracellular matrix proteins, 381

Fas antigen, 1205
Fetal development, 320
Fibronectin, 381
FK, 506, 687
Flow cytometry, 144
Fluid percussion, 1221
Free-living amebas, 815

GABA, 329
Ganglioglioma, 1246
Gelsolin, 563
Gene analysis, 481, 1089
Genetic alterations, 973
Genetic imprinting, 1270
Gertsmann-Sträussler Scheinker disease, 1157
Glia, 1253
Glial development, 734
Glial fibrillary acidic protein, 246, 357, 795, 1221
Glial inclusions, 499
Glioblastoma multiforme, 81
Glioblastoma, 1143, 1238
Glioma, 456, 822
Gliosarcoma, 973
Gliosis, 795
Glucose transporters, 832, 880
Glutamate receptors, 1
Glycosaminoglycans, 528
GM1 ganglioside, 184
Golgi, 1023
Growth factor, 915
Guam ALS/PDC, 1051
Guillain-Barré syndrome, 184

H19 gene, 1270
Heat shock proteins, 499
Hemangioblastoma, 522
Hemorrhages, 758
Herpes simplex virus, 1259
Heterotopic neurons, 178
Hippocampal formation, 861
Hippocampus, 444, 722
Histopathology, 982
HIV infection, 1150
Holoprosencephaly, 133
Horseradish peroxidase, 150
Human, 1115
Human astrocytes, 515
Human brain development, 409
Human cerebral cortex, 372
Human development, 320
Human fetus, 734
Human inflammatory myopathies, 1205
Human microglia, 515
Hydrocephalus, 999
Hydrogen peroxide, 36
Hypernatremia, 106
Hyponatremia, 106

ICAMs, 1060
ICP34.5, 1259
IL-6, 515
Image analysis, 729
Immune response, 169
Immunization, 14
Immunoblot, 1157
Immunocytochemistry, 471, 522, 563, 578, 832, 1073
Immunodeficient, 815
Immunoelectron microscopy, 481
Immunohistochemistry, 14, 236, 372, 481, 540, 716
Immunolocalization, 444
Immunosuppression, 687
Impact, 758
In situ hybridization, 471, 515, 992
In situ tailing, 722
Inclusion-body myopathies, 774
Inclusion-body myositis, 774
Increased incidence, 1115
Increased malignancy, 1115
Indicator, 875
Infant, 758
Infarct, 787
Inflammation, 342, 1060, 1083
Insulin-like growth factor-I , 1009
Insulin-like growth factor-II gene, 1270
Integrin receptor αvβ3, 1143
Integrin receptor αvβ5, 1143
Integrin, 236
Integrins, 1060
Intercellular cleft, 150
Intercellular junction, 150
Intracytoplasmic hyaline inclusions, 481
Invasion, 88, 456
Ischemia, 787
Isopyknic centrifugation, 1164

JC virus, 144, 729

Kainate receptor, 409
Kainic acid, 211, 787, 832
Ki-67, 1026
Kinases, 954

Laminin, 381, 456, 1246
Large T antigen, 144
Lectins, 999
Lesion, 1073
Leukocyte trafficking, 1060
Lewy bodies, 44, 259
Lewy-body-like hyaline inclusion, 1089
LFA-1, 1060
Lipid peroxidation, 202
Lipoproteins, 943

Listeria monocytogenes, 14
Local circuit neurons, 25
Loss of imprinting, 1270
Low density lipoprotein receptor-related protein, 372
Lymphocyte, 904
Lymphocytic inflammation, 1246
Lysosomal hydrolases, 704

Macaca mulatta, 861
Macrophages, 300, 310, 943
Malnutrition, 1009
Malondialdehyde, 202
MAP2, 68
Matrix metalloproteinases, 300
mdx mouse, 509
Measles virus, 471
Medulloblastoma, 1259, 1270
Membrane attack complex, 1083
Meniere's disease, 196
Meningioma, 528
Meningitis, 722
Meningoencephalitis, 14
Mesial temporal sclerosis, 403
Metabolic stress, 1
Metalloproteases, 1194
Metalloproteinases, 88
MHC class I cytotoxicity, 1205
MHC class I, 435
Microcephaly, 357
Microelectrode, 982
Microglia, 300, 366, 904, 1083
Microtubule stability, 964
Microtubule-associated proteins, 372
Micturition, 982
Migration, 357
Mitochondria, 716
Mitochondrial heterogenity, 716
Moebius syndrome, 841
Monitor, 875
Monkeys, 687
Monoclonal antibody, 184, 716
Morphometry, 178
Motor neuron disease, 25, 246, 419, 698, 932
Motor neurons, 246, 915
Mouse, 698
Multifocal motor neuropathy, 184
Multiple sclerosis, 300, 673, 904, 992, 1194
Multisystem degeneration, 1089
Murine encephalomyelitis virus, 673
Muscarinic receptor, 409
Muscle, 1230
Mutagenesis, 1115
Myelin, 795, 861
Myelin-associated glycoprotein, 734
Myelin basic protein, 734, 795
Myelin lipids, 943
Myelin/oligodendrocyte-specific protein, 795
Myelin proteins, 734
Myoblasts, 36, 687
MyoD, 509
Myofibrils, 549
Myopathy, 549, 563
Myositis, 342
Myotoxic, 1230

NACP, 889
NADPH diaphorase, 25
NCAM, 563
Neocortex, 25, 44, 444, 758, 1134
Neural nets, 1238
Neuraminidase, 999
Neurodegeneration, 1, 704
Neurodegenerative diseases, 499
Neurofibrillary lesions, 534
Neurofibrillary tangles, 44, 53, 444, 466, 964, 1051, 1083, 1210
Neurofilaments, 68, 246, 419
Neuronal cell loss, 329
Neuronal loss, 861, 1210
Neuronal migration disorder, 133
Neuronal plasticity, 320
Neuronal thread protein, 1038
Neurons, 320, 435, 578, 1150
Neuropathology, 97, 348, 875, 924, 1032, 1089
Neurotoxin, 787
Neurotrophins, 915
NFT, 1134
Nicotinic receptor, 409
Nitric oxide, 25, 36
Nitrogen monoxide, 25
NK cells, 310
NMDA, 211
Normal white matter, 178
Notexin, 1230
Nuclear isolation, 1164
Nucleus tractus solitarii, 841
Nude mouse, 1259

Oligodendrocyte, 499, 729, 795
Opioid receptor, 409
Optic nerve, 1073
Osmotic demyelination syndrome, 106, 594
Oxidative stress, 1, 36

p16, 1026
p53 mutation, 822
p53, 144, 729
Pain, 114
Paired helical filaments, 954
Paralysé mutation, 698
Parasympathetic, 982
Parkinsonism, 259
Pathological tau protein, 159
Pathology, 1181
PC12 cells, 1009
PCNA, 1253
PDGFR, 522
Pediatrics, 1259
Pentylenetetrazole, 832
Peripheral nerve, 943
Peripheral neuropathy, 184
Phosphorylated proteins, 466
Phosphorylated tau, 774
Phosphorylation, 159, 246
Pick bodies, 159, 578
Pick's disease, 53, 97, 159
PIGF, 522
Plaques, 366
Plasminogen activator, 1194
Polyglucosan bodies, 196
Postencephalitic parkinsonism, 97
Postinjury, 758
Pre-tangle state, 466
Primary culture, 225
Principal components analysis, 1238
Prion protein, 1157
Progression, 822
Progressive multifocal leukoencephalopathy, 144
Progressive supranuclear palsy, 53, 97, 534
Proliferating cellular nuclear antigen (PCNA), 1009
Protein kinase C, 246
Proteoglycans, 528
Proteolipid protein, 734
Proteolysis, 850
Protoplasmic astrocyte, 716
Proximal diabetic neuropathy, 1181
Pyramidal neurons, 466

Radial glial fiber, 357
Radiation, 357
Raphe nuclei, 114
Rat, 280, 310, 832, 850, 1009, 1073
Receptor autoradiography, 114
Regeneration, 424
Reliability, 97
Reorganization, 758
Respiratory control, 114, 841
Reticular formation, 114
Retina, 1073
Review, 673
Rhombic lip, 841

S100 protein, 1221
S100βprotein, 273
Sacral, 982
Schwann cells, 424, 795, 943
Schwannoma, 528
SCID/BALB-C mice, 815
Seizures, 832
Senile plaques, 44, 704, 1134, 1210
Sequelae, 758
Serotoninergic receptors, 409
Sialic acid, 999
Skeletal muscle, 310, 342
Snake Toxin, 1230
SOD-1 transgenic mouse, 211
Spectrin, 850
Spheroid bodies, 549
Spinal cord, 280
Spinal muscular atrophy, 698
SSPE, 471
Stereology, 1032
Striatum, 704
Subacute measles encephalitis, 435
Subacute sclerosing panencephalitis, 435
Substantia nigra, 259
Sudden infant death syndrome, 348
Superoxide dismutase, 481, 1089
Sylvian aqueduct, 999
Synapses, 932, 1023, 1083
Synaptophysin, 889
Synelfin, 889
Synuclein, 889

T cell apoptosis, 1205
T-lymphocyte, 992
Tau, 499, 534, 964, 1038, 1051
Tau protein, 53
Temporal lobe epilepsy, 329
Temporal lobectomy, 403
Tie, 1124
TIMP-1, 88
TNFa, 515
Transfection, 88
Transmitters, 1023
Transplantation, 687
Trauma, 68, 280
TUNEL, 1134, 1164
Two-dimensional gel electrophoresis, 159
Type 2 protoplasmic astrocytes, 1038

Ultrastructure, 196, 716, 932
Utrophin, 896

Validity, 97
Vascular endothelium, 150
VEGF, 522, 1124
Ventricular zone, 1253
Versican, 528
Vestibular nerve, 196
Viral persistence, 435
Vitamin D, 904
Vitmentin, 1221
VLDL receptor, 491

Wallerian degeneration, 943

Xenograft, 540

Z disk, 549